

## **ABSTRACT**

A Ligth-Emitting USB portable disk-pen includes a USB plug that is inserted to a computer at an upper pen shaft, the USB plug is accommodated with a locating plate and joined as one body with a sheath.

- 5 A printed circuit board is connected with one end of the sheath, penetrated into the sheath, and positioned along with the sheath in the upper pen shaft. The upper pen shaft is relative lighter in weight for not containing a refill, and is therefore steadier and less likely to wobble when being inserted to a computer, the LED at the PCB emits light via a bulb at the upper pen shaft,
- 10 and thereby preventing poor contact quality of the USB plug.